CORRES. CONTROL
OUTGOING LTR NO.

DOE ORDER #
93RF9359

081193-6

7608

DIST.	LTR	ENC
AMARAL, M.E.		
BENEDETTI, R.L.	X	X
BENJAMIN, A.		
BERMAN, H.S.		
BRANCH, D.B.		
CARNIVAL, G.J.		
COPP, R.D.		
DAVIS, J.G.		
FERRERA, D.W.		
HANNI, B.J.		
HARMAN, L. K.		
HEALY, T.J.		
HEDAHL, T.	X	X
HILBIG, J.G.		
KIRBY, W.A.		
KUESTER, A.W.		
MANN, H.P.		
MARX, G.E.		
McDONALD, M.M.		
McKENNA, F.G.		
MONTROSE, J.K.		
MORGAN, R.V.	X	X
POTTER, G.L.	X	X
PIZZUTO, V.M.		
RILEY, J.H.		
RISING, T.L.		
SANDLIN, N.B.		
SETLOCK, G.H.		
STEWART, D.L.		
SULLIVAN, M.T.		
SWANSON, E.R.		
WILKINSON, R.B.		
WILLIAMS, S. (ORC)		
WILSON, J. M.		
WYANT, R.B.		
S. DeWitt	X	X
D. Ferrier	X	X
M. Johnson	X	X
D. Pierson	X	X
S. Keith	X	X
E. James	X	X
P. Boyle	X	X
CORRES CONTROL	X	X
ADMIN RECORD		
PATS/T130G		
TRAFFIC		

CLASSIFICATION:

UCNI		
UNCLASSIFIED	X	X
CONFIDENTIAL		
SECRET		

AUTHORIZED CLASSIFIER SIGNATURE

DATE 7/26/93

IN REPLY TO RFP CC NO:

ACTION ITEM STATUS
☐ PARTIAL/OPEN
☐ CLOSED

APPROVALS:

ORIG & TYPIST INITIALS

F-46469 (Rev. 7/93)

EG&G ROCKY FLATS

EG&G ROCKY FLATS, INC.
ROCKY FLATS PLANT, P.O. BOX 464, GOLDEN, COLORADO 80402-0464 (303) 966-7000

August 3, 1993

93-RF-9359

A. H. Pauole
Manager
DOE, RFO

MONTHLY UPDATE ON STATUS OF PONDCRETE OPERATIONS - TGH-459-93

Attn: R. Schassburger

Attached are status reports for Waste Solidification (WS) from June 27, 1993 through July 26, 1993. Upon your approval, please forward this report to the Colorado Department of Health. Copies are also to be provided to the Environmental Protection Agency and the Rocky Flats Environmental Monitoring Council.

If there are any questions concerning the report, please contact J. D. Roberts 966-3324, or D. R. Pierson, 966-3324.

T. G. Hedahl, Associate General Manager
Environmental and Waste Management

DRP:cjv

Orig. and 3 cc - A. H. Pauole

Attachments:
As Stated (2)

GROUP	ACT	INFO
11000 ERM		
11010 PIR		
11100 RPM		
11200 ESSE		
11300 SPP		
11400 FOM		
11500 RLD		
11600 SM		
11700 OS		

ADMIN RECORD

A-OU10-000421

REVIEWED FOR CLASSIFICATION/UCNI
BY S. T. Lisser
DATE 8-30-97

Attachment: 1
93-RF-9359

FOR PONDCRETE OPERATIONS
JUNE 27, 1993 THROUGH JULY 26, 1993

BUILDING 788

Approximately 188,334 gallons of liquid was transferred from the 207B North pond to Building 374, Liquid Waste Operations, during the reporting period.

STORAGE PAD 750

There were no reportable spills found during the ongoing inspections of the pad during the reporting period. Approximately 19,600 gallons of runoff liquid were pumped and transferred by truck to Building 374 Liquid Waste Operations.

STORAGE PAD 904

There were no reportable spills found during the ongoing inspections of the pad during the reporting period. Approximately 12,400 gallons of runoff liquid were pumped and transferred by truck to Building 374 Liquid Waste Operations.

Attachment 2
93-RF-9359

904 AND 750 WS STORAGE AREAS
RESULTS FROM ANALYSIS OF GRAB SAMPLES

Analytical results from analysis of grab samples collected at the 750 and 904 Pondcrete storage areas are summarized below. This report includes all data for which analytical results were available from June 27, 1993 through July 26, 1993. The plant guide for Nitrate discharges is 10 mg/l; for gross Alpha is 40 pCi/l; and for gross Beta is 50 pCi/l. Also included are the Cyanide, Cadmium, and Ammonia results upon availability.

TABLE 1
750 CULVERT

SAMPLE DATE	NITRATE mg/l	GROSS ALPHA pCi/l	GROSS BETA pCi/l	TOTAL DISSOLVED SOLIDS (mg/l)

No data available

TABLE 2
750 PAD PUDDLE

SAMPLE DATE	NITRATE mg/l	GROSS ALPHA pCi/l	GROSS BETA pCi/l	CYANIDE mg/L	CADMIUM µg/l	AMMONIA mg/l	TOTAL DISSOLVED SOLIDS (mg/l)
03/16/93	0.27	0.8±0.5	1±1	*	*	1.36	112
04/05/93	0.55	2±1	6±3	*	<3.0	1.01	27
07/24/93	1.98	3.8±0.5	14±1	*	13.6	2.22	71

TABLE 3
904 PAD PUDDLE

SAMPLE DATE	NITRATE mg/l	GROSS ALPHA pCi/l	GROSS BETA pCi/l	CYANIDE mg/L	CADMIUM µg/l	AMMONIA mg/l	TOTAL DISSOLVED SOLIDS (mg/l)
02/12/93	0.64	6±3	8±4	*	<5.0	1.81	891
03/15/93	0.38	2±1	2±1	*	<3.0	2.76	99
03/30/93	0.33	0.8±0.3	2±1	*	3.5	0.99	<10
04/05/93	0.46	2±1	8±3	*	<3.0	1.09	24
07/24/93	3.29	6±1	17±1	*	14.7	3.83	79

* Data not available

These data were gathered as part of the routine environmental monitoring conducted by Environmental Management to screen runoff waters from the pads. Care must be used in any interpretation of these data, which are derived from grab samples taken in a dynamic system.